



Networked resilience in rural Australia - a role for health promotion in regional responses to climate change

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Year: 2011
Journal: Health Promotion Journal of Australia : Official Journal of Australian Association of Health Promotion Professionals. 22: S54-S60

Abstract:

Issues addressed: This paper provides a model for how health promotion teams might establish and support regional collaborations of organisations in a broad response to climate change that enables emergence of multiple strategies tailored to regional needs. Methods: Complex Adaptive Systems Theory (CAS) and Organisational Learning informed action to foster a Climate Change Collaboration that engaged in strategies to improve transport options, food security and energy sustainability. Social Network Analysis was used to evaluate the degree to which member organisations became networked, the evolution of key network qualities and the way the organisations were affiliated via their participation in emergent strategies. Results: Between 2005 and 2009 a highly connected network of organisations emerged and rapidly evolved to collaborate for action on climate change. There were significant improvements in network density, centralisation, clustering and reciprocity. Member organisations collaborated on a broad range of strategies. Conclusions: Reducing regional impact of climate change is complex. It requires long-term collaboration between organisations that may not usually work together. Sustain Northern Rivers provides a successful model for achieving such collaboration.

Source: Ask your librarian to help locate this item.

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Extreme Weather Event, Temperature

Extreme Weather Event: Flooding, Landslides

Temperature: Fluctuations

Geographic Feature:

resource focuses on specific type of geography

Rural

Geographic Location:

resource focuses on specific location

Climate Change and Human Health Literature Portal

Non-United States

Non-United States: Australasia

Health Co-Benefit/Co-Harm (Adaption/Mitigation): 

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

Health Impact: 

specification of health effect or disease related to climate change exposure

General Health Impact

Mitigation/Adaptation: 

mitigation or adaptation strategy is a focus of resource

Adaptation

Resource Type: 

format or standard characteristic of resource

Policy/Opinion, Research Article, Research Article

Resilience: 

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

Timescale: 

time period studied

Time Scale Unspecified